

CLAIMS

1. A live streaming broadcasting method for carrying out broadcasting through a network, characterized in that while inputting a plurality of camera image data, synthesized image data obtained by synthesizing process for synthesizing a plurality of camera image data during said putting are output to said network for auditory by clients.
2. A live streaming broadcasting method for carrying out broadcasting through a network, characterized in that while receiving other live streaming broadcasting through said network, image data of live streaming broadcasting during said receiving are output to said network for auditory by clients.
3. The live streaming broadcasting method according to Claim 1, wherein while receiving a plurality of said other live streaming broadcasting, synthesized image data obtained by synthesizing process for synthesizing image data of a plurality of live streaming broadcastings during said receiving are output to said network for auditory by clients.
4. A live streaming broadcasting method for carrying out live broadcasting through a network characterized in that while inputting camera image data, synthesized image data obtained by synthesizing process for synthesizing other image data with camera image data during said inputting are output to said network for auditory by clients.
5. The live streaming broadcasting method according to Claim 4, wherein said other image data includes at least any one of static image data and video image data.
6. The live streaming broadcasting method according to Claim 4 or 5, wherein said other image data includes text display data input by operation during broadcasting.
7. The live streaming broadcasting method according to any of Claims 4 to 6, wherein said other image data includes image data produced on the basis of designated information which is for image display designation but not image data.
8. The live streaming broadcasting method according to any of Claims 4 to 7, wherein said other image data includes a plug-in data.
9. The live streaming broadcasting method according to any of Claims 1, 3, 4, 5, 6, 7 or 8, wherein said synthesizing process is alpha blend process or picture-in picture process.
10. A live streaming broadcasting method for carrying out live broadcasting through a

network characterized in that text display data input by operation during broadcasting are output to said network for auditory by clients.

11. A live streaming broadcasting method for carrying out live broadcasting through a network characterized in that image data produced on the basis of designated information that is image display designation but not image data are output to said network for auditory by clients.
12. A live streaming broadcasting method for carrying out live broadcasting through a network characterized in that plug-in data are output to said network for auditory by clients.
13. A live streaming broadcasting method for carrying out live broadcasting through a network characterized in that link address information of a browser on the broadcaster side is output as a script, and a link address of a browser on the clients side on the basis of the script of said link address information to thereby synchronously switch the link address on the clients side to the broadcaster side.
14. A live streaming broadcasting method for carrying out live broadcasting through a network characterized in that position information of a pointer displayed on a browser on the broadcaster side is output as a script, and a display position of a pointer on the browser on the clients side is designated on the basis of the script of said position information to thereby associate the display position of the pointer on the clients side with the broadcaster side.
15. A live streaming broadcasting method for carrying out live broadcasting through a network characterized in that image data of image depicted by operation of the broadcaster on the browser on the broadcaster side are output to said network for auditory by clients.
16. The live streaming broadcasting method according to Claim 15, wherein said image data of image depicted by operation of the broadcaster are synthesized with animation image data to output it to said network to output it to said network.
17. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network, comprising:
 - synthesizing process means for executing synthesizing process described in any of Claims 1, 3, 4, 5, 6, 7 or 9; and
 - output means for executing said output to said network.
18. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network, comprising:
 - receiving means for receiving other live streaming broadcasting through said

network; and

output means for outputting image data of live streaming broadcasting during said receiving to said network for auditory by clients.

19. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network, comprising:
 output means for outputting text display data input by operation during broadcasting to said network for auditory by clients.
20. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network, comprising:
 output means for outputting image data produced on the basis of designated information that is for image display designation but not image data to said network for auditory by clients.
21. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network, comprising:
 output means for outputting plug-in data to said network for auditory by clients.
22. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network characterized by executing process for outputting link address information of a browser on the broadcaster side as a script, and designating a link address of the browser on the clients side on the basis of the script of said link address information to thereby synchronously switch the link address on the clients side to the broadcaster side.
23. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network characterized in that position information of a pointer displayed on a browser on the broadcaster side is output as a script, and a display position of the pointer on the browser on the clients side is designated on the basis of the script of said position information to thereby associate the display position of the pointer on the clients side with the broadcaster side.
24. A live streaming broadcasting apparatus for carrying out a live streaming broadcasting method through a network, comprising:
 output means for outputting image data of image depicted by operation of the broadcaster on the browser on the broadcaster side to said network for auditory by clients.
25. The live streaming broadcasting apparatus according to Claim 24, comprising

synthesizing means for synthesizing said image data of image depicted by operation of the broadcaster with animation image data, said output means outputting image data after synthesizing by said synthesizing means to said network.

26. A live streaming broadcasting system, comprising:
a live streaming broadcasting apparatus according to any of Claims 17 to 25, and
a streaming server for delivering image data output from said live streaming broadcasting apparatus to clients.
27. A program which can be read by a computer, and plural camera image synthesizing process for synthesizing a plurality of camera image data input in apparatus provided with said computer to produce synthesized image data is allowed to be executed by said computer, characterized in that
switching process for selecting camera image data for applying a suitable plurality of camera image data out of three or more camera image data input in said apparatus to said plurality camera image synthesizing process selectively;
said plural camera image synthesizing; and
output means for outputting synthesized image data produced by said plural camera image synthesizing
are allowed to be executed in that order by said computer.
28. A program which can be read by a computer, characterized in that
synthesizing process in the live streaming broadcasting method according to any of Claims 1, 3, 4, 5, 6, 7, 8 or 9, and
said output of said network
are allowed to be executed in that order by said computer.
29. A program which can be read by a computer, characterized in that
process for receiving live streaming broadcasting through a network, and
process for outputting image data of live streaming broadcasting during receiving to said network for auditory by clients are allowed to be executed in that order by said computer.
30. A program which can be read by a computer, allowing said computer to execute live streaming broadcasting through a network, characterized in that process for outputting text display data input by operation during broadcasting of live streaming broadcasting to said network for auditory by clients.
31. A program which can be read by a computer, allowing said computer to execute live streaming broadcasting through a network, characterized in that process for

outputting image data produced on the basis of designated information that is for image display designation but not image data to said network for auditory by clients

is allowed to be executed by said computer.

32. A program which can be read by a computer, allowing said computer to execute live streaming broadcasting through a network, characterized in that process for outputting plug-in data to said network for auditory by clients.
33. A program which can be read by a computer, allowing said computer to execute live streaming broadcasting through a network, characterized in that process for outputting link address information of a browser on the broadcaster side as a script, and designating the link address of the browser on the clients side on the basis of the script to switch the link address on the clients side to the broadcaster side synchronously.
34. A program which can be read by a computer, allowing said computer to execute live streaming broadcasting through a network, characterized in that process for outputting position information of a pointer displayed on the browser on the broadcaster side, and designating a display position of a pointer on the browser on the clients side on the basis of the script of said position information to thereby associate the display position of the pointer on the clients side with the broadcaster side is allowed to be executed by said computer.
35. A program which can be read by a computer, allowing said computer to execute live streaming broadcasting through a network, characterized in that process for outputting image data depicted by operation of the broadcaster on the browser on the broadcaster side to said network for auditory by clients is allowed to be executed by said computer.
36. A program which can be read by a computer, allowing said computer to execute live streaming broadcasting through a network, characterized in that process for outputting image data including plug-in data to a broadcasting network for auditory by clients is allowed to be executed by said computer..
37. A recording medium characterized in that the program according to any of Claims 27 to 36 is described.
38. A broadcasting method for outputting image data including plug-in data to a broadcasting network for auditory by clients.
39. A broadcasting apparatus, comprising output means for outputting image data including plug-in data to a broadcasting network for auditory by clients.